



Our application testing keeps the e-store of this global electronics giant functioning smoothly and efficiently even during times of high load.

THE CLIENT

Our client is a multinational electronics company, a global leader in consumer electronics and white goods. The company's India e-store is managed and maintained by its in-house team backed by its dedicated development team at Netsmartz (our parent company).

The team at Netsmartz has developed the client's online eStore in India. A dedicated team of testers at QASmartz is responsible for ongoing testing to make sure the e-store functions smoothly. It has been built using the Magento Community Framework.

BUSINESS REQUIREMENT

The objective of the e-store was to provide a good scalable online ecommerce platform for the client's consumers, employees and linked enterprises to purchase different products with ease. Catering to such a wide audience, the e-store needed to be always up and running, scalable and fast. The functionality needed to be maintained at all times and it was imperative to have intensive, ongoing testing to maintain the e-store.

CHALLENGES

- The client needed to revamp its existing online storefront in India on an urgent basis and needed a full-fledged skilled team of testers to handle testing.
- The client being very concerned about security and confidentiality needed the team to be in a controlled environment.
- Branding guidelines needed to be followed to the letter so they needed an experienced team that could monitor this.
- The team had to be skilled in automation testing since the project had a lot of parameters that related to performance testing. The application had to maintain complete functionality, scalability and security at all times.

TEAM

Initially the testing team started with 3 members from QASmartz and gradually increased to 6 testers. It is managed by the Team Lead who is the single point of contact for the client.

APPROACH AND SOLUTION

- We allocated a dedicated testing team to the client with expertise in comprehensive application testing. The team works exclusively on the client’s project.
- Daily scrum meetings are held internally with the Team Lead that help in tracking progress and ensuring things are moving smoothly. The Team Lead serves as a single point of contact with the client to provide updates and get feedback.
- We have created automation scripts in Selenium for functional testing that are executed as part of the nightly run to make sure the e-store is working continuously without a break.
- We have created performance scripts using Jmeter that helps us monitor the performance of the Web portal specially at peak hours when traffic is highest.

BENEFITS

- Ongoing application testing by a dedicated team ensures the e-store runs flawlessly, the shopping experience is optimal and user-friendly, with fast transactions.
- Comprehensive performance testing makes sure the e-store performs well even in times of high traffic and scales up to handle the load.
- Development and testing happens concurrently so new features, promos etc. get launched fast.

Magento Certified QAsmartz Team



About Netsmartz, our parent company

Headquartered in Rochester, New York, with multiple offices across the globe, our parent company Netsmartz is a CMMi3 & ISO 9001:2008 certified company. Formed over 19 years ago, we currently have more than 1000 employees, a rich experience of successfully executing 2000+ projects and working with small companies to Fortune 1000 clients.



Global Delivery Center, Chandigarh

Company Certifications



OUR LOCATIONS



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